

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029774**Date Inspected:** 18-Jun-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** As noted below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Quality Assurance Inspector (QA) Douglas Frey was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

This QA Inspector performed a Deck survey of the surface condition of the deck surface of the east bound OBG. This inspection was conducted in conjunction with Smith Emery Quality Control personnel and impact sites as well as arc strikes and any irregularities was measured and recorded for depth and length as well as location.

This QA Inspector observed Quality Control Inspector William Sherwood perform Magnetic Particle (MPT) testing and inspection of the ground irregularities listed below. QC was performing the testing in accordance with AWS D1.5-Section 6.7.6-2002 and ASTM E709. It was noted that no rejectable indications were found and appeared to comply with the contract specifications.

#85 – 1W PP8+2040mm W3-1580mm

#87 – 2W PP13+0 W3+2730mm

#88 – 1W PP13-1100mm W4-3530mm

#89 – 2W PP19-970mm W2+2420mm

#90 – 3W PP20.5+0 W2+4200mm

#91 – 3W PP20.5+720mm W3+1540mm

#92 – 3W PP23.5+180mm W2+4700mm

#93 – 4W PP26-500mm W2+1910mm

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#94 – 4W PP27-480mm W2+1900mm
#95 – 4W PP28.5+0 W2+3480mm
#96 – 4W PP29-740mm W3-2230mm
#97 – 5W PP29.5+240mm W2+2120mm
#98 – 5W PP33+0 W2+4780mm
#99 – 6W PP41.4+0 W3+1680mm

This QA Inspector reported to Crossbeam CB8 to observe and monitor the progress of repair operations. It was noted that no work was performed on this date.

Unless otherwise noted, all work observed on this date appeared to generally comply with the contract documents.

Summary of Conversations:

Conversations on this date were relevant to work performed.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas 916-764-6027 , who represents the Office of Structural Materials for your project.

Inspected By:	Frey,Doug	Quality Assurance Inspector
Reviewed By:	Reyes,Danny	QA Reviewer
